

Converting Colors

YUV(189.7620, 31.1763,
-12.9463)

Have a look what the booklet for
YUV(189.7620, 31.1763, -12.9463)
contains.

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Color

**YUV(189.7620, 31.1763,
-12.9463)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB9FD
RGB	175, 185, 253
RGB Percent	69%, 73%, 99%
CMY	0.3137, 0.2745, 0.0078
CMYK	0.31, 0.27, 0.00, 0.01
HSL	232°, 95%, 84%
HSV	232°, 31%, 99%
XYZ	52.7578, 50.9037, 99.9733
YIQ	189.7620, -27.7880, 19.0280

Conversions

Conversions Part 2

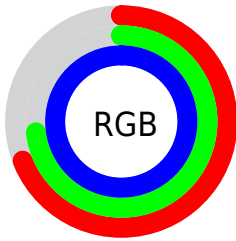
Format	Color
R _Y B	175, 184, 253
Decimal	11516413
CIE Lab	76.62, 11.69, -34.70
CIE LCh	77, 36.614, 288.617
Yxy	50.9037, 0.2591, 0.2500
Android (android.graphics.Color)	4289706493 (0xFFAFB9FD)
YUV	189.7620, 31.1763, -12.9463
Hunter-Lab	71.3469, 7.1357, -33.1361

Details

The YUV color **189.7620, 31.1763, -12.9463** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **238.2380, -31.1763, 12.9463**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.9050, 7.4418, -6.9327**, and **135.7080, 29.7240, -13.7759** is the 20% darker color. If you saturate the color by 10%, you get **169.3730, 41.2281, -16.9901**, and if you desaturate by 10%, it is **210.1510, 21.1246, -8.9024**.

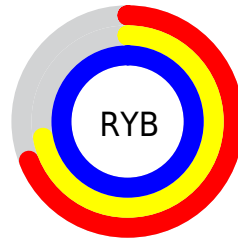
Distribution



Red (69%)

Green (73%)

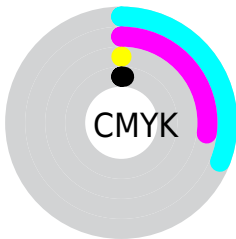
Blue (99%)



Red (69%)

Yellow (72%)

Blue (99%)

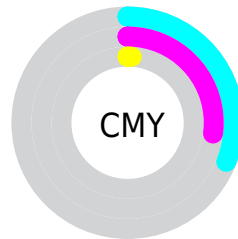


Cyan (31%)

Magenta (27%)

Yellow (0%)

Black (1%)



Cyan (31%)

Magenta (27%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.7620, 31.1763, -12.9463 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 189.7620, 31.1763, -12.9463 by changing the saturation by 10% instead.

■ 189.7620, 31.1763,
-12.9463

■ 189.7620, 31.1763,
-12.9463

255.0000, 0.0000,
0.0000

■ 162.2350, 30.4501,
-13.3611

■ 239.9050, 7.4418,
-6.9327

■ 135.7080, 29.7240,
-13.7759

■ 110.1810, 28.9978,
-14.1907

■ 84.9420, 28.1296,
-15.7351

■ 60.4040, 27.4088,
-17.8943

■ 35.0610, 27.5779,
-25.4865

■ 18.7910, 23.7670,

-16.4797

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 189.7620, 31.1763,
-12.9463

■ 189.7620, 31.1763,
-12.9463

■ 169.3730, 41.2281,
-16.9901

■ 210.1510, 21.1246,
-8.9024

■ 148.6850, 51.4273,
-21.6487

■ 230.8390, 10.9254,
-4.2438

■ 128.2960, 61.4791,
-25.6926

■ 251.2280, 0.8736,
-0.2000

■ 107.9070, 71.5308,
-29.7364

■ 254.7720, -0.8736,
0.2000

■ 87.5180, 81.5826,
-33.7803

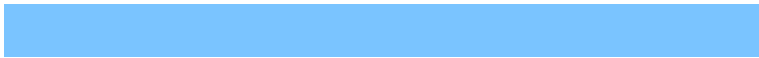
■ 66.8300, 91.7818,
-38.4389

■ 47.6260, 101.2494,
-41.7680

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



180.6000, 36.6792, -51.3922



189.7620, 31.1763, -12.9463



193.7080, 19.8640, 22.1811

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189.7620, 31.1763, -12.9463



190.1900, -24.7437, 49.8224



174.6480, 0.1735, -55.8193

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



189.7620, 31.1763, -12.9463



238.2380, -31.1763, 12.9463

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



180.3240, -18.4007, -24.8401



189.7620, 31.1763, -12.9463



188.4190, -32.2516, 31.2045

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189.7620, 31.1763, -12.9463



191.7790, -11.2300, 55.4448



185.1230, -30.1336, 5.1541



167.7600, 20.3313, -81.3505

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189.7620, 31.1763, -12.9463



194.2990, 10.2056, 40.0798



185.1230, -30.1336, 5.1541



176.8790, -6.8423, -45.4979

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



189.7620, 31.1763, -12.9463



236.3830, 9.1782, -3.8439



228.5380, 7.1298, -46.9528



115.8840, 5.9732, -2.5293



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



189.7620, 31.1763, -12.9463



178.7600, 37.5863, -15.5755



192.5630, 29.7954, 10.0302



117.0690, 5.3890, -1.8145



36.4490, 76.1936, -31.9658



11.9920, 25.6399, -10.5170

Inverse Universe

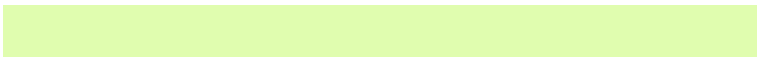
The Inverse Universe completely reimagines the original color for something new.



199.4620, -7.1298, 46.9528



190.4740, -8.6147, 56.5893



235.4370, -29.7954, -10.0302



119.0010, -1.4795, 7.8921



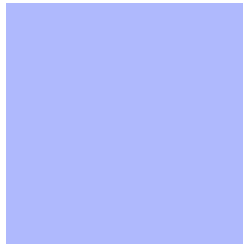
59.9590, -17.2348, 114.9230



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 189.7620, 31.1763, -12.9463 looks on a white background.

Color Contrast Check

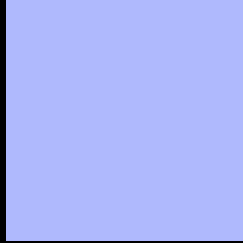
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 189.7620, 31.1763, -12.9463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

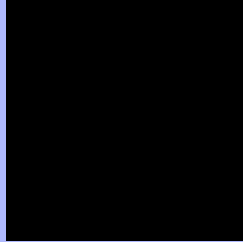
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.7620, 31.1763, -12.9463 Background



This preview shows how black text looks on a background with the YUV color 189.7620, 31.1763, -12.9463.



This preview shows how white text looks on a background with the YUV color 189.7620, 31.1763, -12.9463.

-12.9463.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

189.7620, 31.1763, -12.9463

Protanopia

188.9680, 32.0608, -16.6349

Deuteranopia

189.4520, 31.3292, -15.3054



Tritanopia

186.7510, 10.9688, -18.1986

Trichromacy



Original Color

189.7620, 31.1763, -12.9463

Protanomaly

189.5660, 31.7660, -15.4054

Deuteranomaly

189.7510, 31.1818, -14.6906

Tritanomaly

187.7110, 18.3835, -16.4095

Monochromacy



Original Color

189.7620, 31.1763, -12.9463

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9530, 11.3622, -4.3438

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.7620, 31.1763, -12.9463 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(175, 185, 253)` looks like.

```
.text, #text, p{  
    color:rgb(175, 185, 253)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(175, 185, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 185, 253) }
```

Border

The CSS property to change the border of an element to YUV 189.7620, 31.1763, -12.9463 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

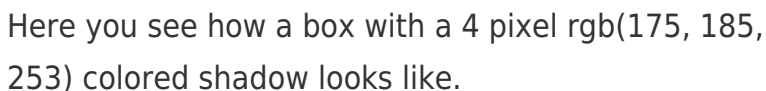
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 185, 253) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(175, 185, 253) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(175, 185, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 185, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 185, 253); box-shadow:4px 4px 4px 4px rgb(175, 185, 253) }
```

Background

The CSS property to change the background color of an element to YUV 189.7620, 31.1763, -12.9463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 185, 253) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(175,  
185, 253) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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